

Activity Lab 3-4

Using Number Sense to Solve One-Step Equations

Number Squares

The numbers in each row, column, and diagonal of certain number squares have the same sum. The sum of the square below is 225.

30	135	60
105	75	45
90	15	120

Find the sum by adding the numbers in the first row. The sum is

20	45	10
—	—	—
40	5	—

Next find the missing number in the first column.

$$20 + x + 40 = 75$$

$$x = \underline{\hspace{2cm}}$$

Complete each number square. Find the sum.

1.

8	—	6
3	—	7
—	9	2

sum = _____

2.

—	100	—
80	—	—
70	20	90

sum = _____

3.

—	—	42
21	35	—
28	—	—

sum = _____

4.

—	352	267
—	284	—
301	—	—

sum = _____